

A screenshot of a browser's developer tools console window. The title bar shows the tab is named "Practical 1" and the file path is "E:/MLTLab/Practical1/index.html". The console tab is selected. The output area displays the following text:

```
Tensor [1, 2, 3] tfjs@latest:17
Tensor [4, 5, 6] tfjs@latest:17
Tensor [5, 7, 9] tfjs@latest:17
Tensor [1, 2, 3] tfjs@latest:17
> a.print();
Tensor [1, 2, 3] tfjs@latest:17
< undefined
> b.print()
Tensor [4, 5, 6] tfjs@latest:17
< undefined
> c.print();
Tensor [5, 7, 9] tfjs@latest:17
< undefined
>
```

Tensor Dimensions

File E:/MLTLab/Practical1/LabAssignment1/index.html

Console

```
Tensor 5
Tensor [1, 2, 3]
Tensor [[1, 2],
       [3, 4]]
> scalar.print()
Tensor 5
< undefined
> vector.print()
Tensor [1, 2, 3]
< undefined
> matrix.print()
Tensor [[1, 2],
       [3, 4]]
< undefined
>
```

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Vector Operations

File E:/MLTLab/Practical1/LabAssignment2/index.html

Console

```
Tensor [1, 2, 3] tfjs@latest:17
Tensor [4, 5, 6] tfjs@latest:17
Tensor [5, 7, 9] tfjs@latest:17
Tensor [4, 10, 18] tfjs@latest:17
> v1.print()
Tensor [1, 2, 3] tfjs@latest:17
< undefined
> v2.print()
Tensor [4, 5, 6] tfjs@latest:17
< undefined
> addResult.print()
Tensor [5, 7, 9] tfjs@latest:17
< undefined
> mulResult.print()
> mulResult.print()
▶ Uncaught ReferenceError: mulResult is not defined
at <anonymous>:1:1 VM194:1
> mulResult.print()
Tensor [4, 10, 18] tfjs@latest:17
< undefined
>
```



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Reshape vs Flatten

File E:/MLTLab/Practical1/LabAssignment3/index.html

Elements Console Sources Network

Default levels No Issues

```
Tensor [[1, 2, 3],  
       [4, 5, 6]]  
Tensor [[1, 2],  
       [3, 4],  
       [5, 6]]  
Tensor [1, 2, 3, 4, 5, 6]  
> tensor.print()  
Tensor [[1, 2, 3],  
       [4, 5, 6]]  
< undefined  
> reshaped.print()  
Uncaught SyntaxError: missing ) after argument list VM107:1  
> reshaped.print()  
Tensor [[1, 2],  
       [3, 4],  
       [5, 6]]  
< undefined  
> flattened.print()  
Tensor [1, 2, 3, 4, 5, 6]  
< undefined  
>
```

Tems to drop Thursday

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